MSG 085A - BLUE FD07 MEIDEX CONTINGENCY RECORDING PLAN

1   **MEIDEX Contingency Recording Plan**

2   On FD06, the Red team executed a workaround for the DSR20 failure (MSG 78). The new
3   configuration will record the Sekai video per the nominal PTV 10 on the MON1 AVIU/V10.
4   An additional AVIU/V10 has been configured to the VTR OUT port on the DTV VIP. This will
5   now record all video sent to the DTV system per VSU to DTV routing identified in PTV10.
6   Note that the MUX and the VTR (DSR20) must still remain ON when you are performing
7   recording the Xybion on the second V10. This will allow the video to be routed through the
8   DTV system and to the V10.

9   All digital playbacks will be executed via the DIGITAL PAO CC procedure (PTV, FS 2-33).
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11 <u>Step Changes required for Contingency Recording Plan</u>
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13 <u>PLOPS Deltas:</u>
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15 **MEIDEX SETUP (PLOPS): Mod Step 2 as follows:**
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17 2.   <u>PTV CHECK</u>
18   √P/TV10 MEIDEX OPS, SETUP (PHOTO/TV FS, <u>SCENES</u>) complete
19   <u>√MSG 078 – RED FD06 MEIDEX RECORDING RECOVERY, Steps 1-3, complete</u>
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21 **MEIDEX SCIENCE (PLOPS): Mod Step 7 as follows**
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23   7. <u>IN CABIN RECORD START</u>
24 L10 (MUX)   √ VTR/CC PWR – on (LED on)
25   √ Execute Package, if realt ime digital dnlk:
26   MUX/VTR/CC PWR – on (LED on)
27   MUX BYPASS – VTR DNLK
28   (VIP)   √ PWR – on (LED on)
29   DSR-20   √ ON/STANDBY LED green
30   ~~REC pb – press, hold~~
31   ~~PLAY pb – press simo (√red dot displayed)~~
32
33   V10 <u>(1)</u> √ PWR – ON
34   REC pb (two simo) – press (√red dot displayed)
35
36   <u>V10 (2) √ PWR – ON</u>
37   <u>REC pb (two simo) – press (√red dot displayed)</u>
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39   A7   √ VID OUT pb – MON 1
40   √ IN pb – SEKAI/PAO (FD)
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1	**MEIDEX SCIENCE (PLOPS): Mod Step 11 as follows**
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3	11. <u>IN CABIN RECORD STOP</u>
4	V10 (1) STOP pb – press
5	V10 (2) STOP pb – press
6	~~VTR/~~
7	~~DSR-20 STOP pb – press~~
8	
9	Voice PLD VCR Elapsed Sec to ground
10	
11	Go to <u>MEIDEX VTR RECORDING LOG</u> (Cue Card)
12	Enter Obs Type (D=Dust, S=Sprite, M=Moon Cal)
13	Enter Orbit # and V10 (1) Time Remaining for current tape
14	Enter ~~VTR/DSR-20~~V10 (2) Time Remaining for current tape
15	Enter VCR 3(2,1) Elapsed Sec
16	
17	Replace tapes if necessary
18	

Observation Type	Replace Criteria
ROI/Moon Cal	Replace tape if time remaining < 15 min
Sprite	Replace tape

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21	**MEIDEX SCIENCE (PLOPS): Mod Step 12 as follows**
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23	12. <u>P/TV PWRDN</u>
24	√ Execute Package if step 12 reqd
25	
26	VTR/
27	DSR-20 ON/STANDBY – press (red LED on)
28	V10 (1) PWR – off (LED off)
29	V10 (2) PWR – off (LED off)
30	L10
31	(VIP) PWR – off (LED off)
32	(MUX) VTR/CC Pwr – OFF (LED off)
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34	If MUX powered:
35	MUX BYPASS – SH PL DATA
36	MUX/VTR/CC PWR – off (LED off)
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